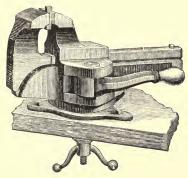
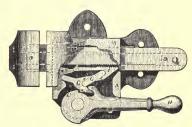
VISES.

STEPHENS' PATENT PARALLEL BENCH VISES.



2-in. Swivel Vise, \$4 75.



Shows working parts Cam and Toggle.
2-in. Flat or Stationary Vise, \$4.

The above right-hand cut shows the Stephens Flat Vise with top removed, and working parts exposed to view.

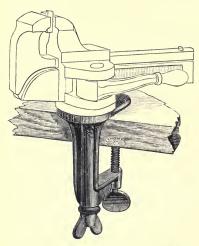
It consists simply of a toggle, G G, and tooth-bar, t, held together by a spring, S, all worked by a cam, C, and hook, M, on the handle, H.

A steel rack, T, is inserted in the sliding-bar, BB. The sliding-bar is here seen disengaged, free to slide in or out, with perfect ease, to its extreme limits.

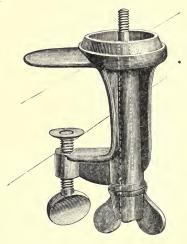
At the first start of the handle outward, the hook, M, slips from the tooth, m, and the spring, S, draws down upon the hook at U, firmly setting the tooth-bar, t, against the rack, T; as the handle is pulled further outward, the cam is brought to bear against the ridge, n, nearly straightening the toggle, and forcing the movable jaw with great power against the object between the jaws.

Jaws 2 inches wide; open 21/4 inches.

Important.—Occasionally rub one drop of oil on the cam, C, and hook, M. Never oil any other part.



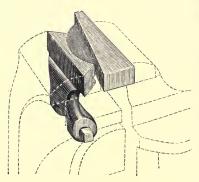
Swivel Vise on the Table-Clamp. Price, \$6 75.



Swivel Table-Clamp. Price, \$2.



Jewelers' Flat Table-Clamp. No injury to table. Price, \$1.



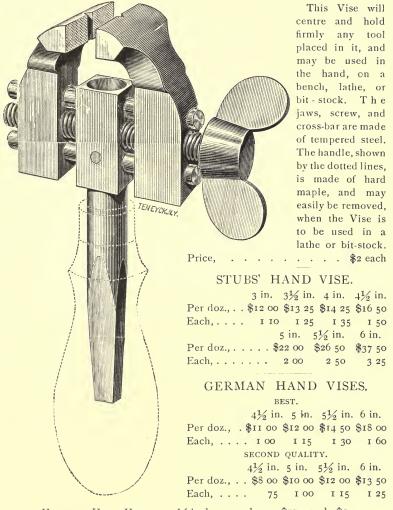
2-in. Taper Attachment. Price, \$2.

PRICE-LIST OF VISES.

JEWELLERS'.

JEWELLERS'.							
Width							
of Style of Vise, Opens, W'ght, Price of Style of Vise, Opens, W'ght, Price							
Jaw.							
2 in. Flat 2¼ in. 2 lbs. \$4 00 2 in. Swivel 2¼ in. 3 lbs. \$4 75							
2 in. Flat, with Anvil . 21/4 in. 2 lbs. 4 50 2 in. Swivel, with Anv. 21/4 in. 3 lbs. 5 25							
2% in. Flat							
2½ in. Flat Filers' 3 in. 12 lbs. 5 50 2¾ in. Swivel Filers' 3 in. 14 lbs. 6 50							
3½ in. Flat 5 in. 35 lbs. \$9 00 3½ in. Swivel 5 in. 42 lbs. \$10 50							
3½ in. Flat Filers' 5 in. 35 lbs. 9 00 3½ in. Swivel Filers' 5 in. 42 lbs. 10 50							
4½ in. Flat							
7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7							
With Extension Handles:							
5½ in. Flat							
οχ in. Frac 10 in. 100 ibs. \$33 00 0/2 in. Swivei 10 in. 1/5 ibs. \$39 00							
COACH OR WOOD-WORKERS'.							
Op'ns. W'ght. Price. Op'ns. W'ght. Price.							
Flat Vise, with square-faced Flat Vise, with square-faced							
caps, 4x4½ in., attached 8 in. 43 lbs. \$15 00 Caps, 5x5½ in., attached 10 in. 70 lbs. \$20 50							
Swivel Vise, with square-							
faced Caps, $4x4\frac{1}{2}$ in., at-							
tached							
JEWELLERS'—NICKEL-PLATED, EXTRA FINISH.							
2 inch Flat Vise \$9 00 2 inch Pipe attachment \$3 00							
2 inch Flat Vise, with Anvil 9 50 2 inch Flat Table Clamp 2 50							
2 inch Swivel Vise 9 75 2 inch Swivel Table Clamp 4 50							
2 inch Swivel Vise, with Anvil 10 25 2 inch Vise Caps 1 00							
2 inch Taper Attachment 3 00							
VISE ATTACHMENTS.							
When Vises are ordered complete, we add the following Attachments:							
2 inch Taper Attachment\$2 00 4½ inch Taper Attachment\$5 50							
2 ³ / ₄ " " 2 75 5 ³ / ₄ " " 7 50							
3½ " " 10 00							
2 inch Pipe Attachment							
23/4 " " 2 75 5 1/2 " " 7 50							
3½ " " 10 00							
2 inch Brass Vise Caps							
23/4 " " " " 75 51/2 " " " 2 00							
3½ " " " 1 00 6½ " " " 2 50							
2 in. Flat Table Clamp (no injury to table), \$1 00 23/4 in. Flat Table Clamp (no injury to table), \$2 00							
2 in. Swivel " " 2 00 23/4 in. Sw'l " " " 3 00							
Jewellers' or Wood-Workers' Caps for 2 inch Vise, 2x2 inch face							
Coach or Wood-Workers' Caps for 2% inch Vise, 3x3 inch face							
" " 3½ " 4×4½ "							
" " 4½ " 5x5½ " 5 00							

STEPHENS' PATENT HAND VISE.



HANDLED HAND VISES, to 41/2 inches, per dozen, \$11; each, \$1.

POLISHED SWISS HAND VISES.

	3¼ in.	$3\frac{1}{2}$ in.	3¾ in.	4 in.	$4\frac{1}{4}$ in.	$4\frac{1}{2}$ in.
Per dozen, .	. \$11 00	\$12 00	\$12 00	\$13 50	\$15 00	\$16 50
Each	. 1 00	1 10	I 15	I 25	I 40	I 50